



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH919033B

USEPA Region VI

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION #TXD008950461

GENERATOR CODE (Assigned by Clean Harbors)CE22892

ADDRESS4904 Griggs Road

CUSTOMER CODE (Assigned by Clean Harbors)SH1150

ADDRESS4171 Essen Lane

GENERATOR NAME:CES Environmental

CITYHouston

STATE/PROVINCETX

ZIP/POSTAL CODE77021

PHONE: (225) 932-2500

CUSTOMER NAME:CB&I

CITYBaton Rouge

STATE/PROVINCELA

ZIP/POSTAL CODE70809

B. WASTE DESCRIPTION

WASTE DESCRIPTION: S.TANK 1,6 COMP

PROCESS GENERATING WASTE: Facility clean up overseen by US EPA Region VI

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER ?No

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE

SOLID WITHOUT FREE LIQUID
POWDER
MONOLITHIC SOLID
☒ LIQUID WITH NO SOLIDS
☐ LIQUID/SOLID MIXTURE
% FREE LIQUID
% SETTLED SOLID
% TOTAL SUSPENDED SOLID
SLUDGE
GAS/AEROSOL

NUMBER OF PHASES/LAYERS

123TOP0.00
% BY VOLUME (Approx.)MIDDLE0.00
BOTTOM0.00

ODOR

NONE
☒ MILD
STRONG
Describe:

BOILING POINT °F (°C)

<= 95 (<=35)
95 - 100 (35-38)
☒ 101 - 129 (38-54)
>= 130 (>54)

VISCOSITY (If liquid present)

☒ 1 - 100 (e.g. Water)
101 - 500 (e.g. Motor Oil)
501 - 10,000 (e.g. Molasses)
> 10,000

COLOR

brown to black

MELTING POINT °F (°C)

< 140 (<60)
140-200 (60-93)
> 200 (>93)

TOTAL ORGANIC CARBON

<= 1%
1-9%
☒ >= 10%

FLASH POINT °F (°C)

< 73 (<23)
73 - 100 (23-38)
101 -140 (38-60)
☒ 141 -200 (60-93)
> 200 (>93)

pH

☒ <= 2
2.1 - 6.9
7 (Neutral)
7.1 - 12.4
>= 12.5

SPECIFIC GRAVITY

< 0.8 (e.g. Gasoline)
0.8-1.0 (e.g. Ethanol)
☒ 1.0 (e.g. Water)
1.0-1.2 (e.g. Antifreeze)
> 1.2 (e.g. Methylene Chloride)

ASH

< 0.1
0.1 - 1.0
1.1 - 5.0
5.1 - 20.0

> 20
☒ Unknown

BTU/LB (MJ/kg)

< 2,000 (<4.6)
☒ 2,000-5,000 (4.6-11.6)
5,000-10,000 (11.6-23.2)
> 10,000 (>23.2)
Actual:

D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

| CHEMICAL | MIN | MAX | UOM |
|---------------------|------------|------------|-----|
| 2-METHYLPHENOL | 0.4000000 | 0.4500000 | PPM |
| 3&4-METHYLPHENOL | 2.0000000 | 2.1000000 | PPM |
| ARSENIC | 0.0450000 | 0.0500000 | PPM |
| BENZENE | 0.8330000 | 1.1300000 | PPM |
| CHROMIUM (TTLC) | 0.0090000 | 16.9000000 | PPM |
| MERCURY | 0.1800000 | 0.1850000 | PPM |
| METHYL ETHYL KETONE | 1.6500000 | 1.7500000 | PPM |
| OIL | 0.0000000 | 75.0000000 | % |
| SULFIDES | 20.0000000 | 25.0000000 | PPM |
| WATER (%) | 0.0000000 | 50.0000000 | % |

DOES THIS WASTE CONTAIN ANY HEAVY GAUGE METAL DEBRIS OR OTHER LARGE OBJECTS (EX., METAL PLATE OR PIPING >1/4" THICK OR >12" LONG, METAL REINFORCED HOSE >12" LONG, METAL WIRE >12" LONG, METAL VALVES, PIPE FITTINGS, CONCRETE REINFORCING BAR OR PIECES OF CONCRETE >3")?

YES☒NO

If yes, describe, including dimensions:

DOES THIS WASTE CONTAIN ANY METALS IN POWDERED OR OTHER FINELY DIVIDED FORM?

YES☒NO

DOES THIS WASTE CONTAIN OR HAS IT CONTACTED ANY OF THE FOLLOWING; ANIMAL WASTES, HUMAN BLOOD, BLOOD PRODUCTS, BODY FLUIDS, MICROBIOLOGICAL WASTE, PATHOLOGICAL WASTE, HUMAN OR ANIMAL DERIVED SERUMS OR PROTEINS OR ANY OTHER POTENTIALLY INFECTIOUS MATERIAL?

YES☒NO

I acknowledge that this waste material is neither infectious nor does it contain any organism known to be a threat to human health. This certification is based on my knowledge of the material. Select the answer below that applies:

The waste was never exposed to potentially infectious material.

YESNO

Chemical disinfection or some other form of sterilization has been applied to the waste.

YESNO

I ACKNOWLEDGE THAT THIS PROFILE MEETS THE CLEAN HARBORS BATTERY PACKAGING REQUIREMENTS.

YESNO

I ACKNOWLEDGE THAT MY FRIABLE ASBESTOS WASTE IS DOUBLE BAGGED AND WETTED.

YESNO

SPECIFY THE SOURCE CODE ASSOCIATED WITH THE WASTE.

SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE.

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/WINWEB/Profile/Waste Profile.rdl

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E. CONSTITUENTS

Are these values based on testing or knowledge? Knowledge ☒ Testing

If constituent concentrations are based on analytical testing, analysis must be provided. Please attach document(s) using the link on the Submit tab.

Please indicate which constituents below apply. Concentrations must be entered when applicable to assist in accurate review and expedited approval of your waste profile. Please note that the total regulated metals and other constituents sections require answers.

| RCRA | REGULATED METALS | REGULATORY LEVEL (mg/l) | TCLP mg/l | TOTAL | UOM | NOT APPLICABLE | |
|---------------------------|------------------------------|-------------------------|-----------|--------------------|-----|-------------------------------------|-------------------------------------|
| D004 | ARSENIC | 5.0 | | | | <input checked="" type="checkbox"/> | |
| D005 | BARIUM | 100.0 | | | | <input checked="" type="checkbox"/> | |
| D006 | CADMIUM | 1.0 | | | | <input checked="" type="checkbox"/> | |
| D007 | CHROMIUM | 5.0 | 16.9000 | | | | |
| D008 | LEAD | 5.0 | | | | <input checked="" type="checkbox"/> | |
| D009 | MERCURY | 0.2 | | | | <input checked="" type="checkbox"/> | |
| D010 | SELENIUM | 1.0 | | | | <input checked="" type="checkbox"/> | |
| D011 | SILVER | 5.0 | | | | <input checked="" type="checkbox"/> | |
| VOLATILE COMPOUNDS | | | | OTHER CONSTITUENTS | MAX | UOM | NOT APPLICABLE |
| D018 | BENZENE | 0.5 | 0.8330 | BROMINE | | | <input checked="" type="checkbox"/> |
| D019 | CARBON TETRACHLORIDE | 0.5 | | CHLORINE | | | <input checked="" type="checkbox"/> |
| D021 | CHLOROBENZENE | 100.0 | | FLUORINE | | | <input checked="" type="checkbox"/> |
| D022 | CHLOROFORM | 6.0 | | IODINE | | | <input checked="" type="checkbox"/> |
| D028 | 1,2-DICHLOROETHANE | 0.5 | | SULFUR | | | <input checked="" type="checkbox"/> |
| D029 | 1,1-DICHLOROETHYLENE | 0.7 | | POTASSIUM | | | <input checked="" type="checkbox"/> |
| D035 | METHYL ETHYL KETONE | 200.0 | | SODIUM | | | <input checked="" type="checkbox"/> |
| D039 | TETRACHLOROETHYLENE | 0.7 | | AMMONIA | | | <input checked="" type="checkbox"/> |
| D040 | TRICHLOROETHYLENE | 0.5 | | CYANIDE AMENABLE | | | <input checked="" type="checkbox"/> |
| D043 | VINYL CHLORIDE | 0.2 | | CYANIDE REACTIVE | | | <input checked="" type="checkbox"/> |
| SEMI-VOLATILE COMPOUNDS | | | | CYANIDE TOTAL | | | <input checked="" type="checkbox"/> |
| D023 | o-CRESOL | 200.0 | | SULFIDE REACTIVE | | | <input checked="" type="checkbox"/> |
| D024 | m-CRESOL | 200.0 | | | | | |
| D025 | p-CRESOL | 200.0 | | | | | |
| D026 | CRESOL (TOTAL) | 200.0 | | | | | |
| D027 | 1,4-DICHLOROBENZENE | 7.5 | | | | | |
| D030 | 2,4-DINITROTOLUENE | 0.13 | | | | | |
| D032 | HEXACHLOROBENZENE | 0.13 | | | | | |
| D033 | HEXACHLOROBUTADIENE | 0.5 | | | | | |
| D034 | HEXACHLOROETHANE | 3.0 | | | | | |
| D036 | NITROBENZENE | 2.0 | | | | | |
| D037 | PENTACHLOROPHENOL | 100.0 | | | | | |
| D038 | PYRIDINE | 5.0 | | | | | |
| D041 | 2,4,5-TRICHLOROPHENOL | 400.0 | | | | | |
| D042 | 2,4,6-TRICHLOROPHENOL | 2.0 | | | | | |
| PESTICIDES AND HERBICIDES | | | | | | | |
| D012 | ENDRIN | 0.02 | | | | | |
| D013 | LINDANE | 0.4 | | | | | |
| D014 | METHOXYCHLOR | 10.0 | | | | | |
| D015 | TOXAPHENE | 0.5 | | | | | |
| D016 | 2,4-D | 10.0 | | | | | |
| D017 | 2,4,5-TP (SILVEX) | 1.0 | | | | | |
| D020 | CHLORDANE | 0.03 | | | | | |
| D031 | HEPTACHLOR (AND ITS EPOXIDE) | 0.008 | | | | | |

HOCs
☒ NONE
 < 1000 PPM
 >= 1000 PPM

PCBs
☒ NONE
 < 50 PPM
 >=50 PPM

IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?
YES ☒ NO

ADDITIONAL HAZARDS
DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED?
YES ☒ NO (If yes, explain)

CHOOSE ALL THAT APPLY
DEA REGULATED SUBSTANCES EXPLOSIVE FUMING OSHA REGULATED CARCINOGENS
POLYMERIZABLE RADIOACTIVE REACTIVE MATERIAL ☒ NONE OF THE ABOVE



F. REGULATORY STATUS

☒ YES

☐ NO

USEPA HAZARDOUS WASTE?

D002 D007 D018

☐ YES

☒ NO

DO ANY STATE WASTE CODES APPLY?

Texas Waste Code

FX89603H

☐ YES

☒ NO

DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?

☒ YES

☐ NO

IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?

LDR CATEGORY:

VARIANCE INFO:

This is subject to LDR.

☐ YES

☒ NO

IS THIS A UNIVERSAL WASTE?

☐ YES

☐ NO

IS THE GENERATOR OF THE WASTE CLASSIFIED AS CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR (CESQG)?

☐ YES

☐ NO

IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?

☐ YES

☒ NO

DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?

☐ YES

☒ NO

IS THIS WASTE STREAM SUBJECT TO THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?

☒ YES

☐ NO

DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS >=500 PPM?

☐ YES

☒ NO

DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE >= .3KPA (.044 PSIA)?

☒ YES

☐ NO

DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 77 KPA (11.2 PSIA)?

☒ YES

☐ NO

IS THIS CERCLA REGULATED (SUPERFUND) WASTE ?

☐ YES

☒ NO

IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?

Hazardous Organic NESHAP (HON) rule (subpart G)

Pharmaceuticals production (subpart GGG)

☒ YES

☐ NO

IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?

☐ YES

☒ NO

Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?

☐ YES

☐ NO

Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) >10 Mg/year?

What is the TAB quantity for your facility?

Megagram/year (1 Mg = 2,200 lbs)

The basis for this determination is: Knowledge of the Waste Or Test Data

Knowledge

Testing

Describe the knowledge :

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:
WASTE UN1760, WASTE CORROSIVE LIQUIDS, N.O.S., (SULFURIC ACID, BENZENE), 8, PG III

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY

☒ ONE TIME

☐ WEEKLY

☐ MONTHLY

☐ QUARTERLY

☐ YEARLY

☐ OTHER

CONTAINERIZED

0-0

CONTAINERS/SHIPMENT

STORAGE CAPACITY:

CONTAINER TYPE:

CUBIC YARD BOX

PALLET

TOTE TANK

DRUM

OTHER:

DRUM SIZE:

☒ BULK LIQUID

GALLONS/SHIPMENT:

2500.00 Min -6500.00

GAL.

Max

BULK SOLID

SHIPMENT UOM:

TON

YARD

TONS/YARDS/SHIPMENT:

0 Min - 0 Max

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATOR'S CERTIFICATION

I certify that I am authorized to execute this document as an authorized agent. I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste. If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE

NAME (PRINT)

TITLE

DATE